

FILE NOTATIONS

Entered in NID File ✓

Entered on S R Sheet ✓

Location Map Pinned ✓

Case Indexed ✓

IWR for State or Fee Land

Checked by Chief ✓

Copy NID to Field Office ✓

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 7-4-56

GW WW TA

GW GS PA X

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log 7-19-56

Electric Logs (No.)

E I B-I GR GR-N Micro

Lat Mi-L Sonic Others

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
NOTICE OF INTENTION TO DRILL

OIL AND GAS CONSERVATION COMMISSION

May 22, 19 56

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of deepening Big Flat Unit (ND) Well No. 2, which is located 340 ft from () line and 1369 ft from (S) line of Sec 11, Twp 26-S, R 19-E, Salt Lake (Meridian), Big Flat Unit (Field or Unit)

Grand (County) on or about 31 st day of May, 19 56

LAND: Fee and Patented () Name of Owner of patent or lease Glen M. Ruby
State ()
Lease No _____ Address 525 Newhouse Building
Public Domain (X) Salt Lake City, Utah
Lease No S.L.C. 066113

Is location a regular or exception to spacing rule? _____ Has a surety bond been filed? Yes With whom? Federal Area in drilling unit 19,550 acres
(State of Federal)
Elevation of ground above sea level is 6157 ft. All depth measurements taken from top of Kelly Bushing which is 11 ft above ground
(Derrick Floor, Rotary Table or Kelley Bushing)
Type of tools to be used Rotary Proposed drilling depth 8100 ft. Objective formation is Mississippian

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight Per Foot	Grade and Type	Amount Ft. In.	Top Bottom	Cementing Depths
16" OD		Casing	17' 0"		17'
10-3/4" OD	40.5#	J-55 Casing	2773' 0"		2773'
7" OD	20#, 26# & 29#	Casing	7610' 0"		7610'

AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

Approved for deepening Well No 2 Big Flat Unit

By T. L. Warburton (T. L. Warburton)Date May 28, 1956 19Division Chief Production Clerk
(Title or Position)By Elm B. FeightThe Pure Oil Company
(Company or Operator)

Field Secretary

Address P. O. Box 1597Billings, Montana

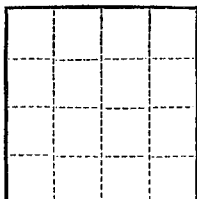
INSTRUCTIONS:

1. Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Rm 105, Capitol Bldg, Salt Lake City 14, Utah.
2. A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the Commission as soon as available.
4. Use back of form for remarks.

The Pure Oil Company is acting under "Designation of Agent" on file in the office of the U. S. Geological Survey in Casper, Wyoming, covering operations in the Big Flat Unit area.

Well originally drilled by King Oil Company.

MAY 28 1956



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 366113

Unit Big Flat

*Noted
Co. 4
7-2-56*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... June 28,, 1956

Big Flat Unit
Well No. 2 is located 340 ft. from N line and 1369 ft. from E line of sec. 11

SE 1/4 Sec. 11 (1/4 Sec. and Sec. No.) 26-6 (Twp.) 12-2 (Range) Salt Lake (Meridian)
Big Flat (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the ground above sea level is 6146 ft.

to elevation is 6157'
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

June 24, 1956

Halliburton Drill Stem Test No. 1 from 7869' to 7924', 115'. Tool open two hours, shut in 30 minutes. Good blow of air immediately and continued throughout test. No gas. Recovered total of 1070' of fluid. 30' highly salt water cut and, slightly gas cut and slight amount of oil. 320' highly and cut salt water, slightly gas cut, slight amount of oil. 330' slightly sandy salt water. 3070' black sulfur salty water. Pressures: in 1010, in 20, at 2020, shut in 2600, at 1010.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

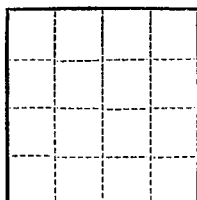
Company The Pure Oil Company

Address P.O. Box 1597

Billings, Montana

By [Signature]

Title Division Chief Production Block



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. S.L.C. 066113
Unit Big Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 2 is located 340 ft. from S line and 1359 ft. from E line of sec. 11
Big Flat (Field) 2-S (Twp.) 12-E (Range) Salt Lake (Meridian)
Big Flat (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the ground above sea level is 6146 ft.
ED elevation is 6157 ft.
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

T.D. 8061'. 7" casing set at 7610'.

7660' to 7800' - 260', 55 wt. cement.

Set Halliburton Retrievable Packer at 6936'. Set 150 wt. cement plug below Packer. Top of plug at 6930'.

Removed Blowout Preventer, installed Rams Tree in order that attempt can be made to pull casing at a future date if desired.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

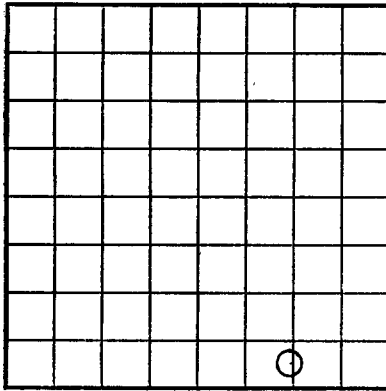
Address P.O. Box 1597

Billings, Montana

By [Signature]

Title Division Chief Production Clerk

U. S. LAND OFFICE Salt Lake City
 SERIAL NUMBER S.L.C. 066113
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P.O. Box 1597 - Billings, Montana
 Lessor or Tract Big Flat Unit Field Big Flat State Utah
 Well No. 2 Sec. 11 T. 26S R. 19E Meridian Salt Lake County Grand
 Location 340 ft. {N.} of 8 Line and 1369 ft. {E.} of E. Line of _____ Elevation 6157 ft.
 (Denote floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]Date September 18, 1956Title Division Chief Production Clerk

The summary on this page is for the condition of the well at above date.

Commenced deepening June 17, 1956 Finished deepening June 27, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
of shoe	If blank or rougher make note in log for material, size and location. If the well has been abandoned, size, type, position and number of perforations for the work and the reasons. If there were any changes made in the casing, state them, and if any casing was added, state in detail the date of recording, together with the reasons for the same.								
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heavy plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

OLD MARK

PLUGS AND ADAPTERS

Heavy plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **7860** feet to **8061** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 4, 19**56** Put to producing **Dry Hole**, 19_____
 The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
7860'	7880'	20'	Limestone and shale
7880'	7901'	21	Limestone
7901'	7984'	83	Lime
7984'	7987'	3	Core No. 1 - See below.
7987'	7993'	6	Core No. 2 - See below.
7993'	8030'	37	Lime
8030'	8061'	31'	Dolomite and limestone
		8061'	TOTAL DEPTH
		6310'	PLUG BACK TOTAL DEPTH

Core No. 1 7984' to 7987' Cut 3' Rec. 1'

1' - Limestone, no show.

Core No. 2 7987' to 7993' Cut 6' Rec. 3'

3' - Limestone, no show.

Note: Well was originally drilled to 7860' by King Oil Company.

PURE OIL COMPANY
BIG FLAT UNIT #2
SW SE SE SEC.11, T. 26S, R. 19E
GRAND COUNTY, UTAH

This is a deepening record of the old King Oil Company
Ruby #2. Well was deepened from 7860 to 8061.

Ground Elevation	- 6139
Kelly Bushing Elevation	- 6151

SAMPLE DESCRIPTION

7860-80	Limestone, gray-brown, medium crystalline; and dolomite, light gray, very fine crystalline to sucrose and very soft.
7880-85	Shale, gray, green, maroon, w/ some scattered rounded, frosted sand grains.
7885-8015	Limestone, light gray, fine crystalline, tight to medium crystalline, hard, w/ occasional thin soft streaks in the limestone. Occasional thin anhydrite beds in middle of zone. Toward base of zone limestone becomes somewhat dolomitic in thin streaks with some minor vuggy porosity.
8015-8060	Dolomite, light gray, fine crystalline to dense, trace, vuggy porosity, occasional thin beds of limestone, gray, fine crystalline, and trace chert.

In reviewing samples of original drilling, top of Leadville was picked at 7783'.

In the new part of this hole top of Ouray formation was picked at 8015' (?).

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease Number See Below
Unit Big Flat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for month of September, 1965,

Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming Signed R. E. Davis

Phone 234-1565 Agent's title District Office Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Pro- duced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gallons of Gasoline Recovered	Barrels of Water (If None, so state)	REMARKS: (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEADVILLE PARTICIPATING AREA										
Sec. 14										
C SW1/4 SE1/4 Big Flat	26S	19E	1	0	-0-		-0-	-	None	Shut down entire month
	Unit	No. 1								
SW1/4 NE1/4 Big Flat	26S	19E	2	0	-0-		-0-	-	None	Well temporarily abandoned 10-3-62. ✓
	Unit	No. 2								
Sec. 23										
NE1/4 NE1/4 Big Flat	26S	19E	3	0	-0-		-0-	-	None	Shut down entire month
	Unit	No. 3								

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**PROPERTY OF UTAH STATE
OIL AND GAS CONSERVATION
COMMISSION**

Utah Geological and Mineralogical Survey
affiliated with
The Colleges of Mines and Mineral Industries
University of Utah, Salt Lake City, Utah

**DRILLING RECORDS
FOR OIL AND GAS IN UTAH**

JAN. 1, 1954 - DEC. 31, 1963

BULLETIN 74 • PRICE \$5.00 • MARCH, 1965



ROY
DAGGETT
DAVIS
PICHESNE
EMERY
GARFIELD
GRAND
IRON
JUAB
KANE

Number	Location	Operator and Well No.	Field and Area	Completion or Abandonment Date	Elevation	Age of Rocks		Formation Tops		Shows or Producing Zones	Total Depth	Status
							Surface	Bottom				
									Hermosa 2848 Paradox Salt 4618 Molas 8300 Miss. 8433 Madison 8589			
437	NWSW 29 25S 18E	Promontory Oil Co. #1 Fed.	Bowknot		5232 G	Kayenta	Permian	Cutler White Rim	1394 1445		1860	SD
438	NESE 30 25S 18E	Federal Oil Co. #1 Fed.	Bowknot	9-13-58	5170 KB	Kayenta	Madison	Wingate Cutler White Rim Rico Hermosa Middle Paradox Lower Paradox Molas Leadville Madison	210 1370 1466 2188 2723 4070 6908 7233 7316 7525	Oil and gas zones: 4513-60, 7321-36, 7352-59 Swabbed small amount of oil.	7574	P-A
	NWSE 27 25S 19E	Calvert Western #6 Unit Big Flat	Bartlett Flat	12-23-63	5775 DF	Kayenta	Cane Creek	Salt	4220	4 boph, 50 mcfgpd 7223-7265 in Cane Creek	7323	P-A
440	NWSE 27 25S 19E	Pure Oil Co. #5 Unit	Bartlett Flat	7-8-62	5767 KB	Kayenta	Miss.	Wingate Chinle Moenkopi Cutler Rico Hermosa Paradox Salt Miss.	220 540 920 1425 2200 2610 4215 7390	IP 454 bopd IP 282,295 cfigpd 7210-50	7632	POW
441	NESE 11 25S 20E	Delhi - Taylor #3 Govt.	Seven Mile	7-4-55	4689 DF	Cutler	Penn.				4082	P-A
442	NWSW 18 25S 21E	Delhi-Taylor Oil Corp. #2 Utah	Seven Mile	1-20-55	4356 KB	Cutler- Rico	Penn.	Hermosa Salt	320 2338	Several oil and gas zones in Paradox DST 7706-10 recov. 1000' free oil.	9425	P-A
443	NENE 35 25S 23E	Intermtn. Oil & Gas Co. #1 Govt.	Castle Valley	9-10-61	6250 DF	Quat.	Quat?				26	P-A
444	NESE 7 26S 18E	Pure Oil #1 USA	Mineral Point	11-20-58	5075 KB	Kayenta	Dev.	Chinle Moenkopi Cutler Salt Miss. Devonian	530 881 1495 4129 6805 7268	Oil show in Miss.	7282	P-A
	SWSE 11 26S 19E	Pure Oil Co. #2 Unit	Big Flat	7-4-56	6157 G	Kayenta	Miss.	Miss.	7780	Rework of King #2 well 15 bopd 7815-49	8061	P-A
446	SWSW 12 26S 19E	King Oil Co. #3 Unit	Big Flat	1954	6145 DF	Kayenta	Cutler	Moenkopi	980		1975	P-A
447	SWSE 14 26S 19E	Pure Oil Co. #1 Unit	Big Flat	8-13-57	6033 KB	Kayenta	Ouray	Wingate Chinle Moenkopi Permian Cutler Rico Hermosa Salt Miss. Ouray	230 560 895 1410 1410 2175 2700 4280 7465 7934	IP-319 bopd 43 ⁰ API Miss.-7694-7728	7954	OSI
448	SWNE 14 26S 19E	Pure Oil Co. #2 Unit	Big Flat	10-3-62	6114 KB	Kayenta	Miss.	Chinle Moenkopi Permian-Cutler Rico	657 968 1474 2200	7750-62, 7768-80, 7788-97 IP-119 bopd	7810	SI